

B23

Family list

7 family members for:

WO0204402

Derived from 6 applications.

- Attached*
- 1 **Ester derivatives**
Publication info: **AU7102701 A** - 2002-01-21
 - 2 **ESTER DERIVATIVES**
Publication info: **CA2415468 A1** - 2003-01-10
 - 3 **ESTER DERIVATIVES**
Publication info: **EP1302458 A1** - 2003-04-16
 - 4 **Ester derivatives**
Publication info: **US6846835 B2** - 2005-01-25
US2003191316 A1 - 2003-10-09
 - 5 **Ester derivatives**
Publication info: **US2005065211 A1** - 2005-03-24
 - 6 **ESTER DERIVATIVES**
Publication info: **WO0204402 A1** - 2002-01-17

Data supplied from the **esp@cenet** database - Worldwide

equivalent
US 6,846,835

823

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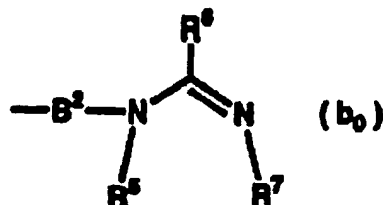
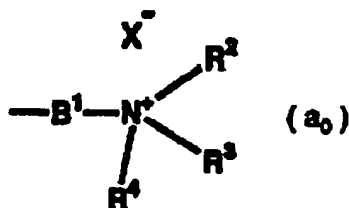
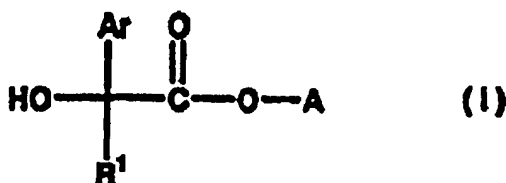
(71) 出願人 (米国を除く全ての指定国について): 萬有製薬株式会社 (BANYU PHARMACEUTICAL CO., LTD.)

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[続葉有]

(54) Title: ESTER DERIVATIVES

(54) 発明の名称: エステル誘導体



(57) Abstract: Compounds of the general formula (I), which exhibit selective muscarinic M₃ receptor antagonism, little have side effects, and are suitable for administration by inhalation and useful as therapeutic agents for respiratory system diseases or the like: (I) wherein A is a group of the general formula (a₀) or (b₀): (a₀) (b₀) Ar is aryl or heteroaryl, any of which may be substituted; B¹ and B² are each an aliphatic hydrocarbon group; R¹ is fluorinated cycloalkyl; R², R³ and R⁴ are each lower alkyl, or a single bond or alkylene, any of which is bonded to B¹, or alternatively R² and R³ may be united to form alkylene; R⁵ and R⁷ are each hydrogen, lower alkyl, or a single bond or alkylene, any of which is bonded to B²; R⁶ is hydrogen, lower alkyl, or N(R⁸)R⁹; and X⁻ is an anion.

[続葉有]

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